

FIG. 1 Stream View options — Navigation buttons



Universal Data Model Translation

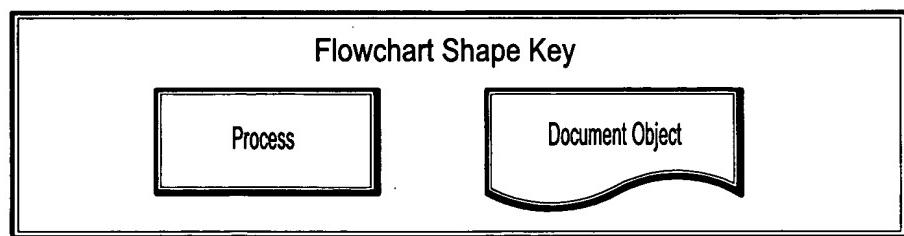
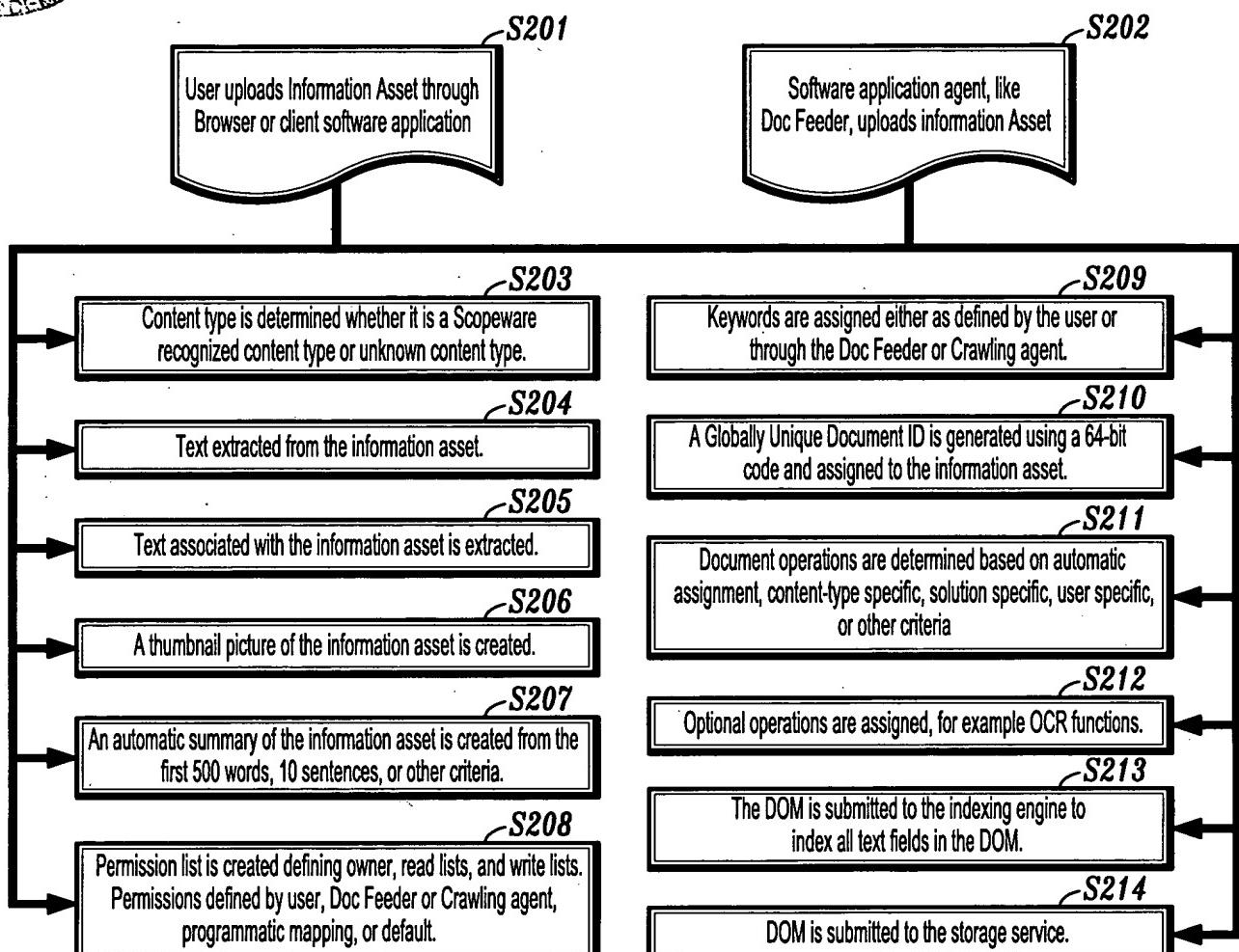


FIG. 2

Scopeware Agents are Translators into Scopeware Document Object Models

Information Assets In a File-System

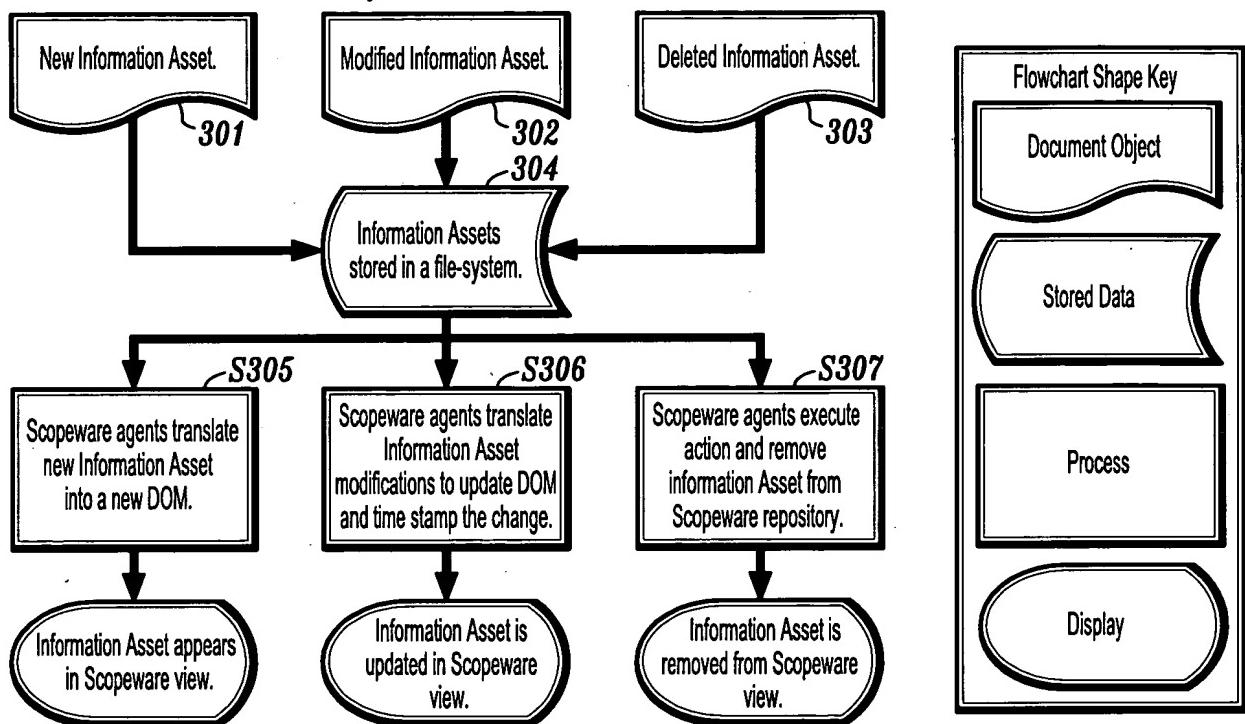


FIG. 3

Information Assets in a Programmatic Information System

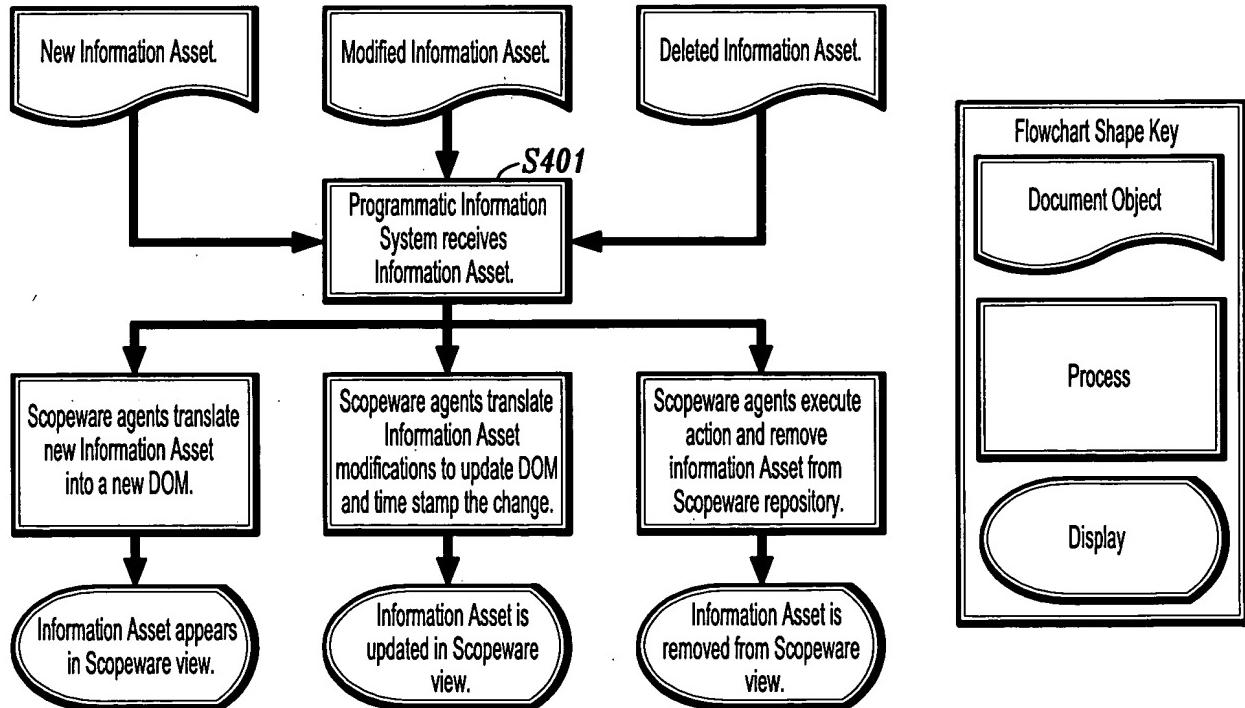


FIG. 4



Instantaneously Dynamic, Tailored, and Interactive Document Glance Views

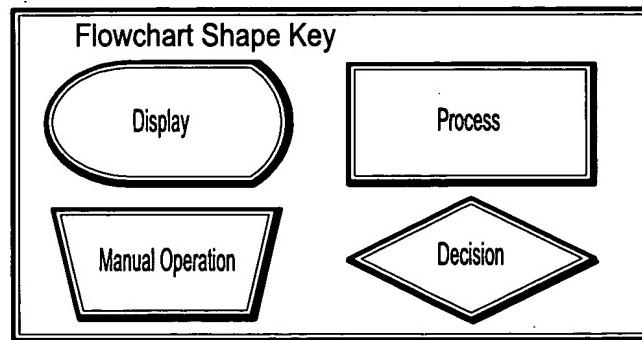
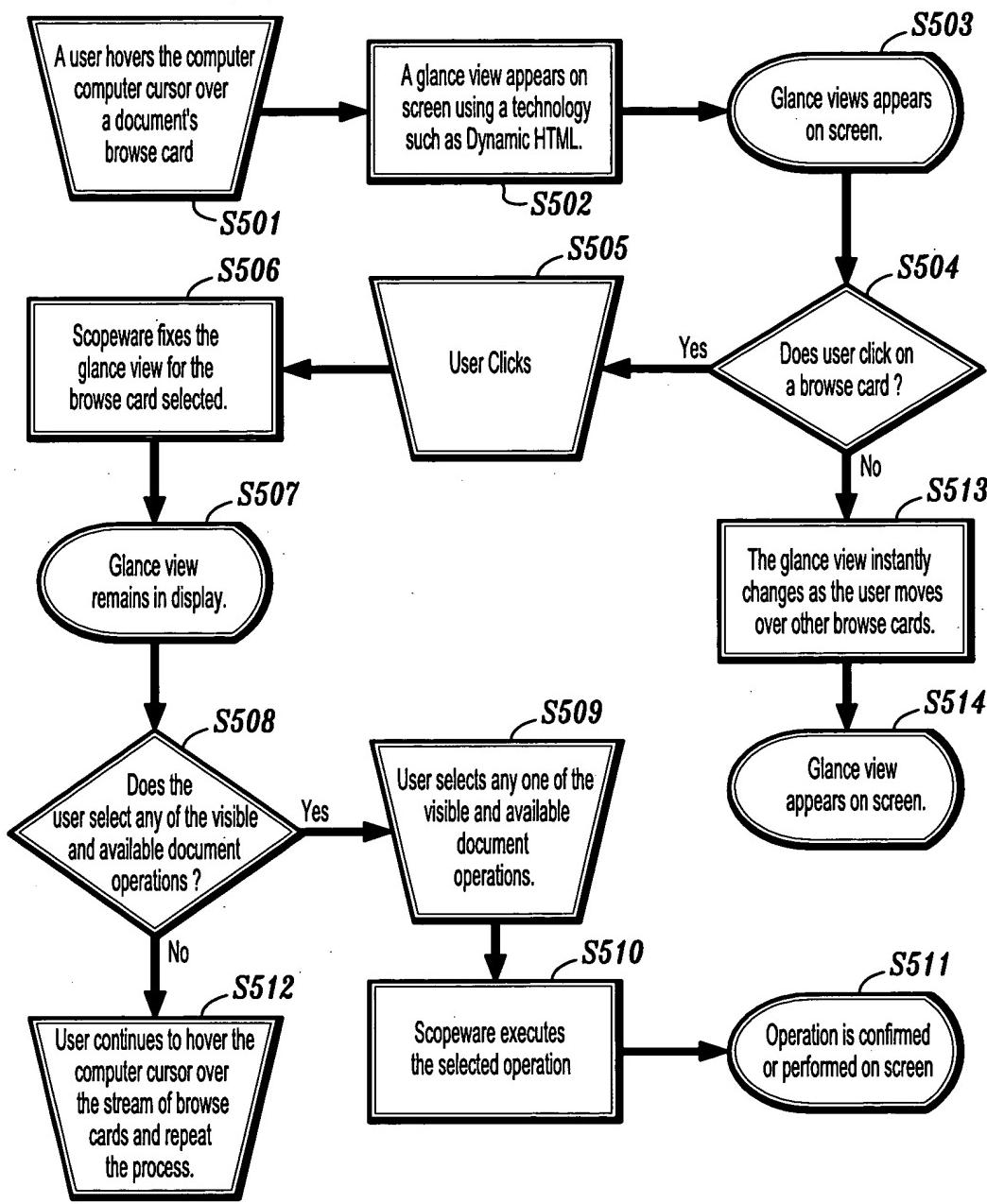


FIG. 5

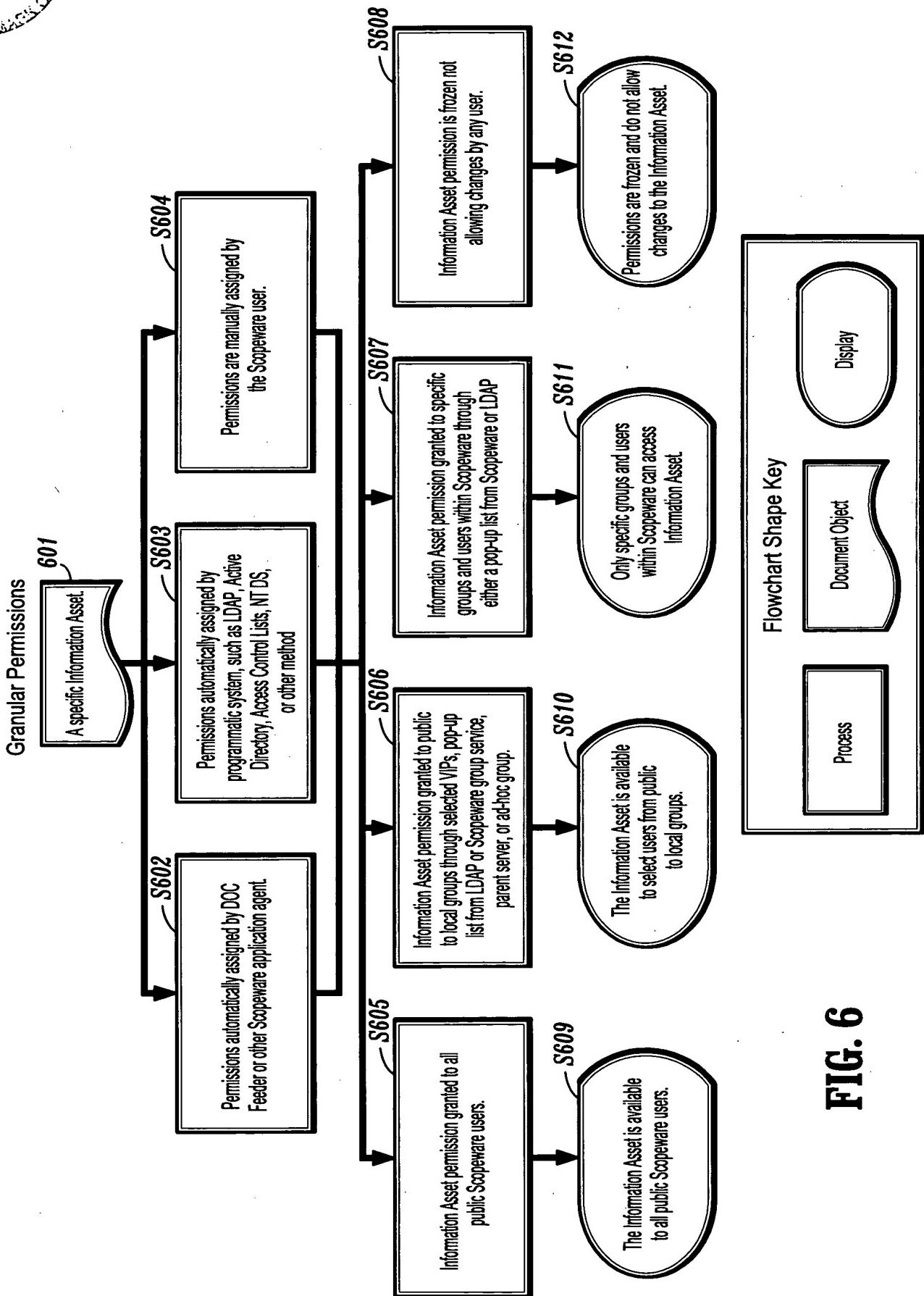
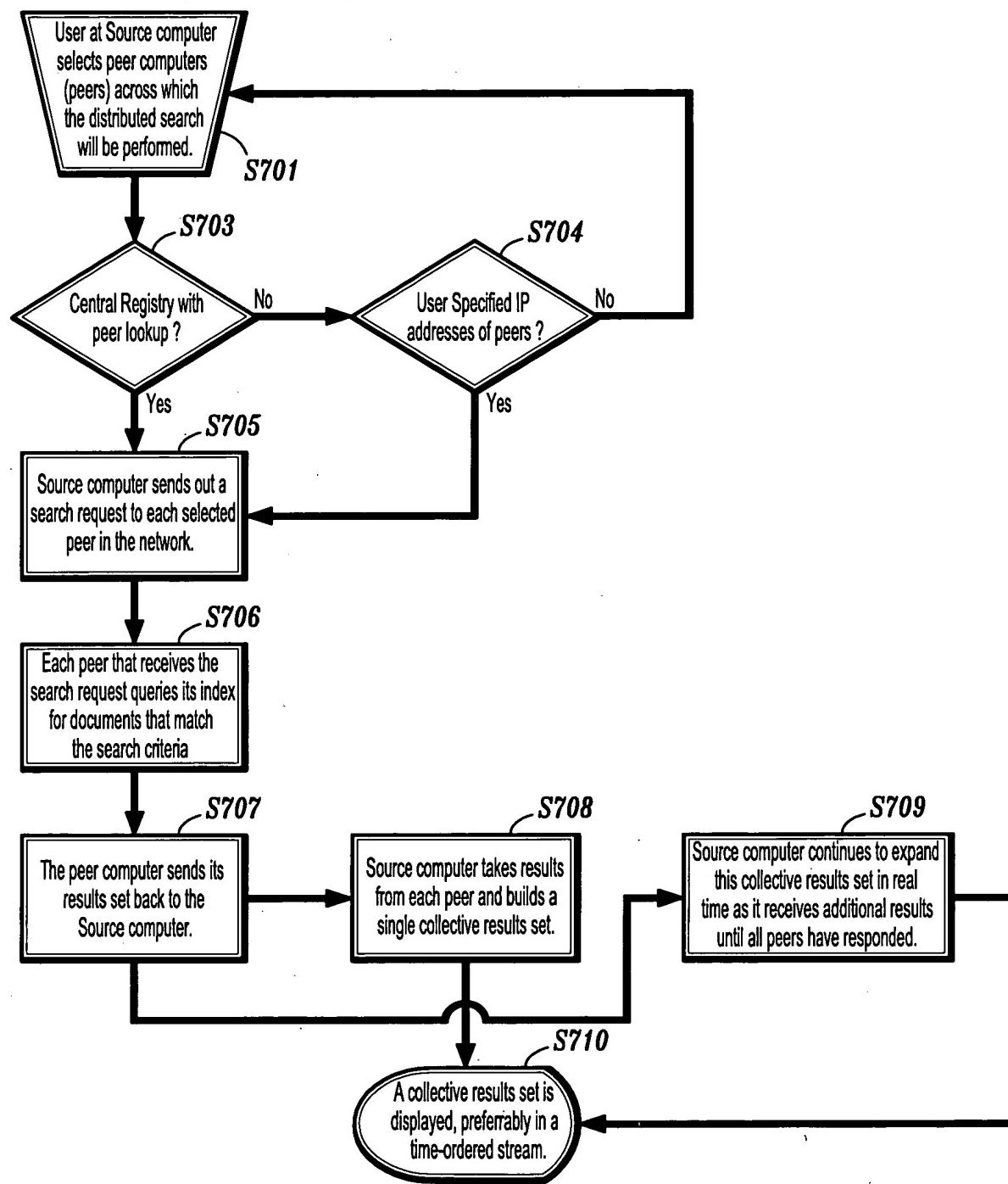


FIG. 6



Integrated Results Sets from Distributed Searches



Flowchart Shape Key

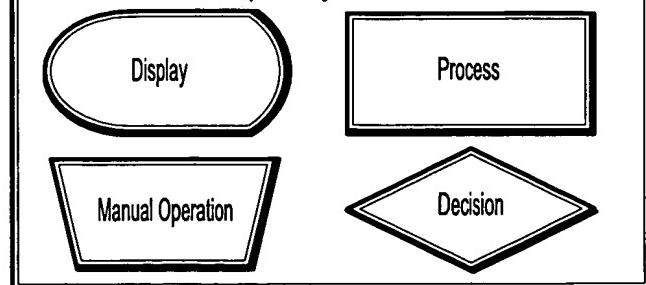
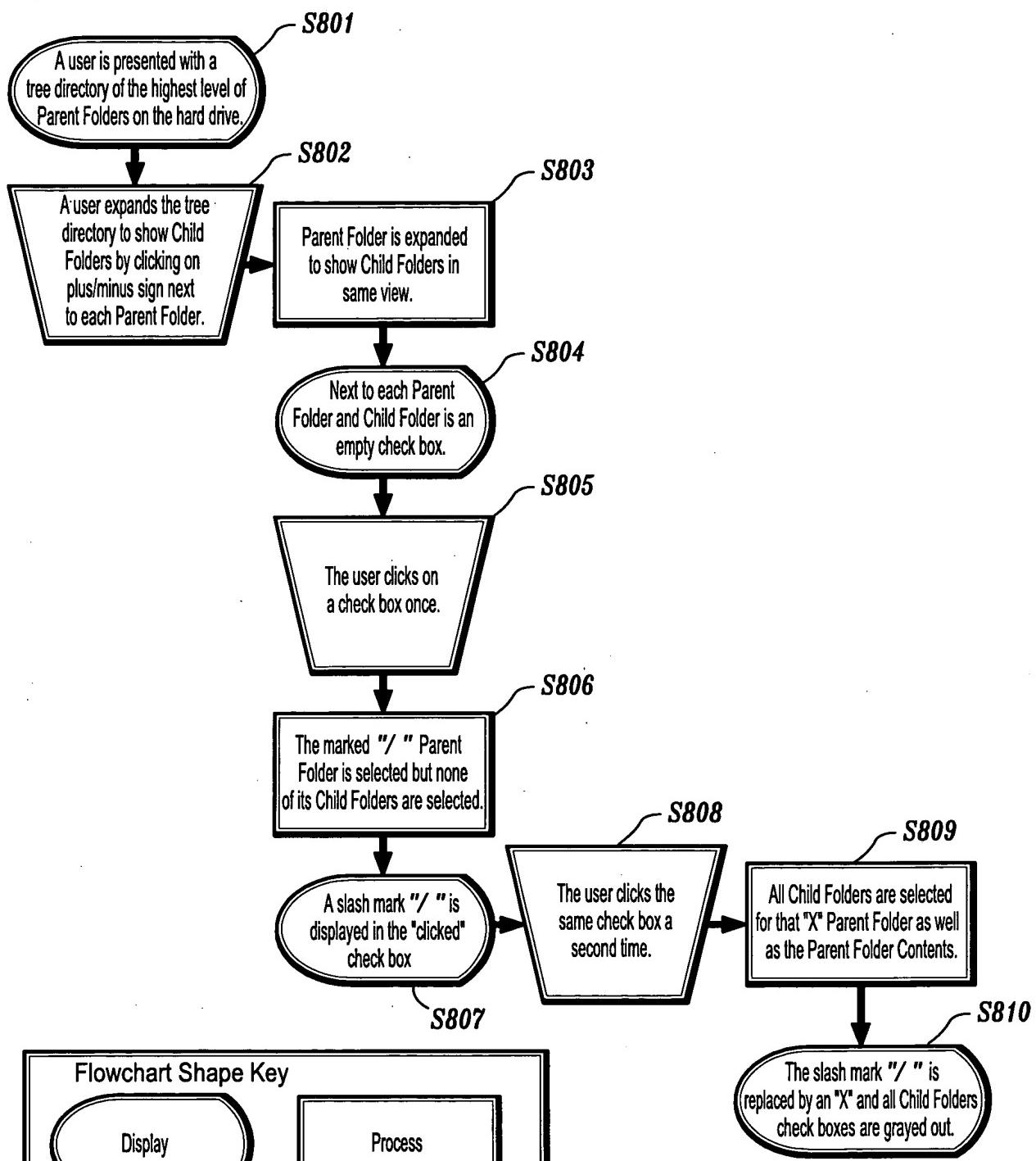


FIG. 7

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Tri-State Selection Tree



Flowchart Shape Key

Display

Process

Manual Operation

Decision

FIG. 8



BOTTOM-UP STREAM ARCHITECTURE

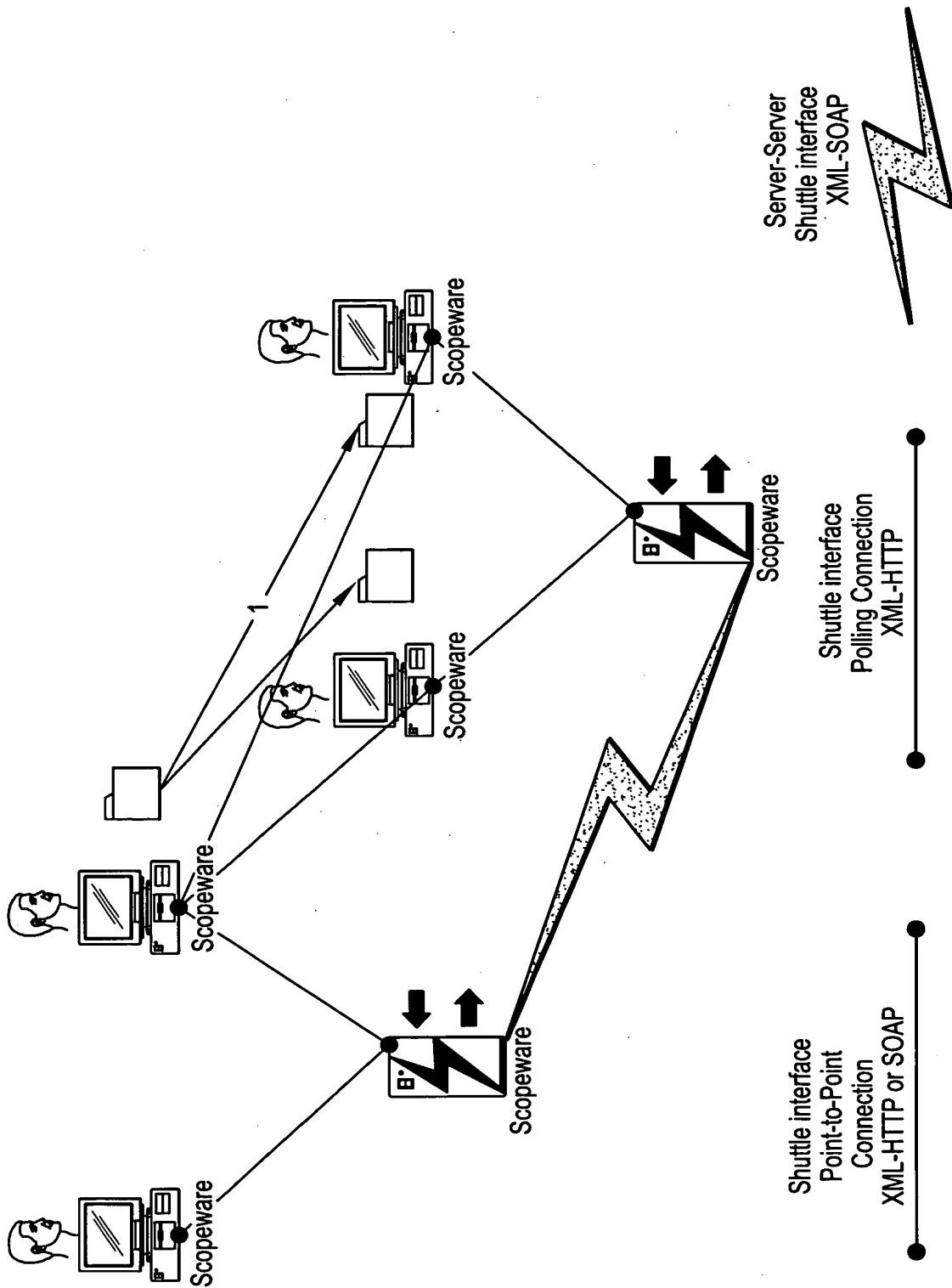


FIG. 9

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